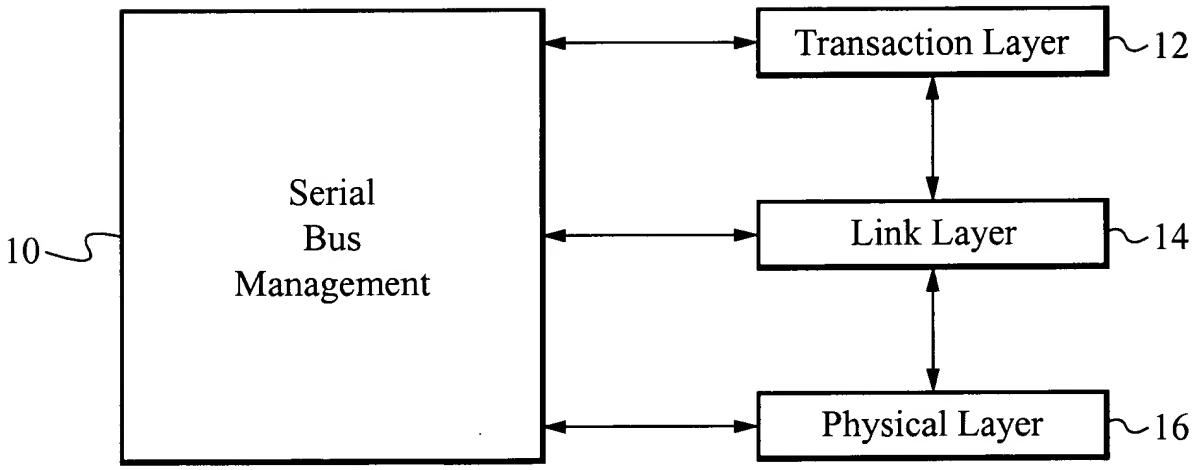

Fig. 1

(PRIOR ART)

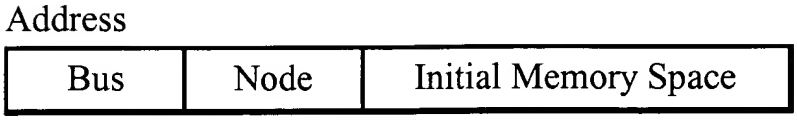

Fig. 2

(PRIOR ART)

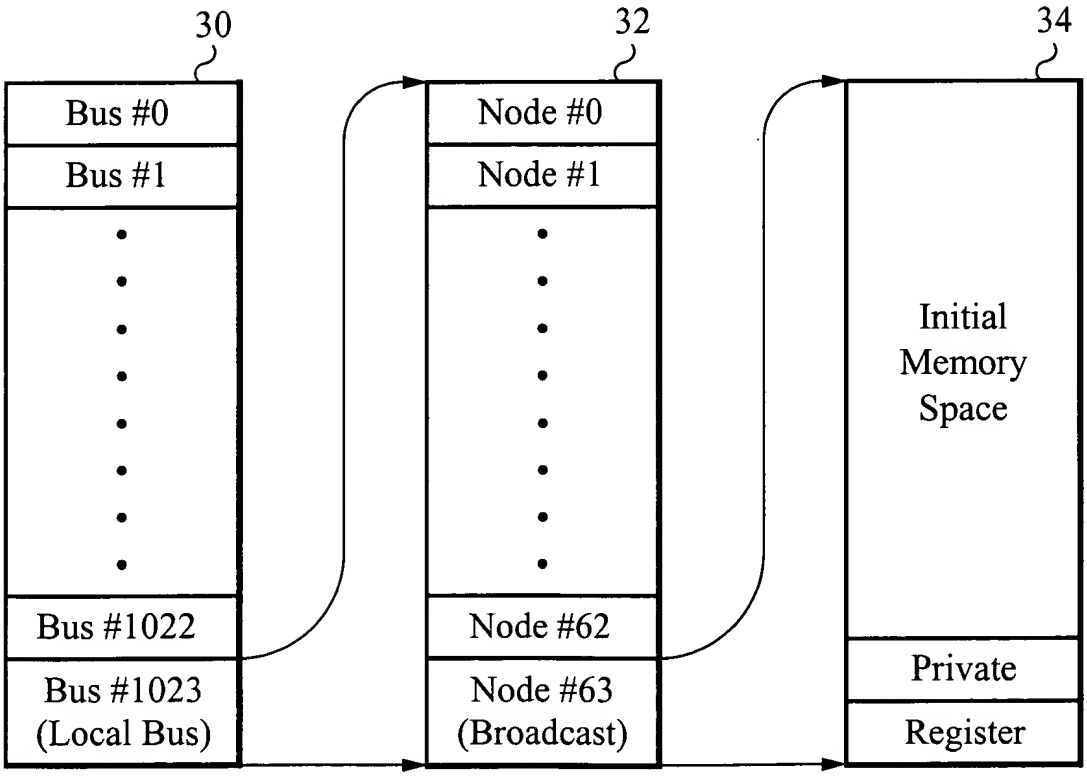

Fig. 3

(PRIOR ART)

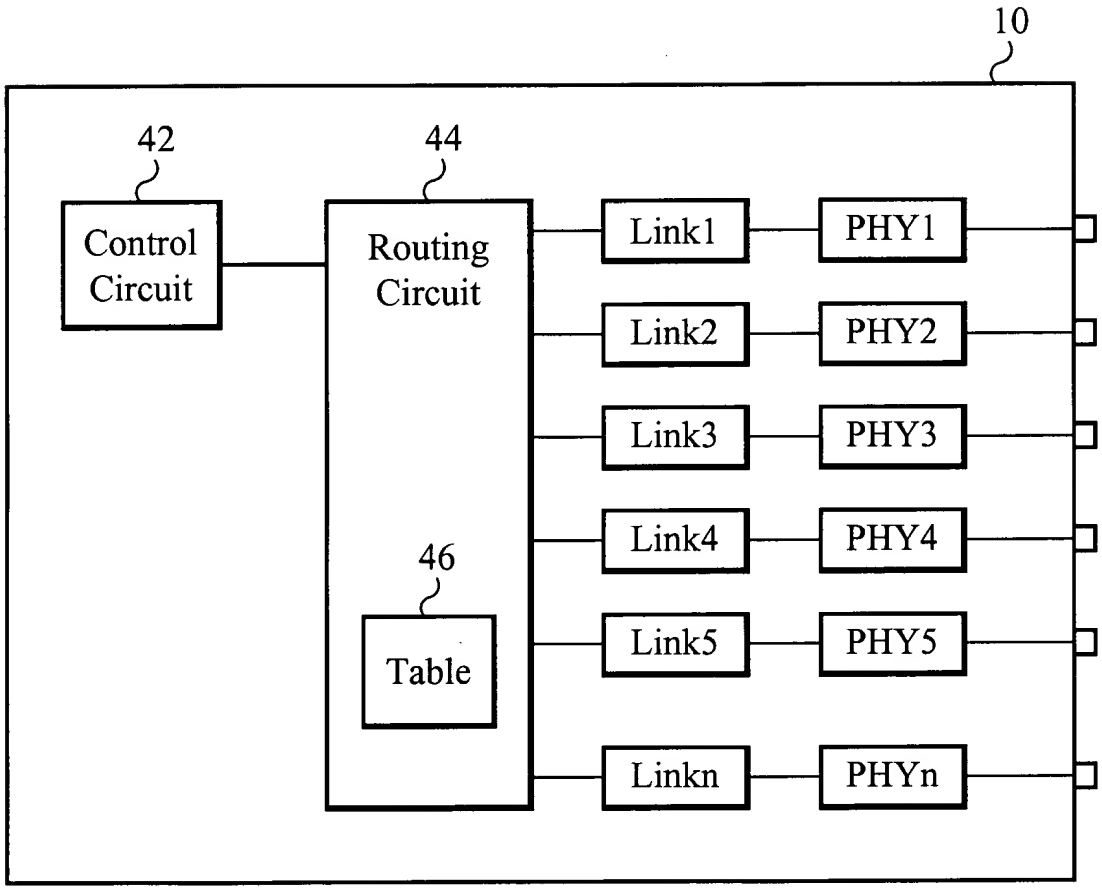
10
42
44
Control Circuit
Routing Circuit
46
Table
Link1
Link2
Link3
Link4
Link5
Linkn
PHY1
PHY2
PHY3
PHY4
PHY5
PHYn

Fig. 4

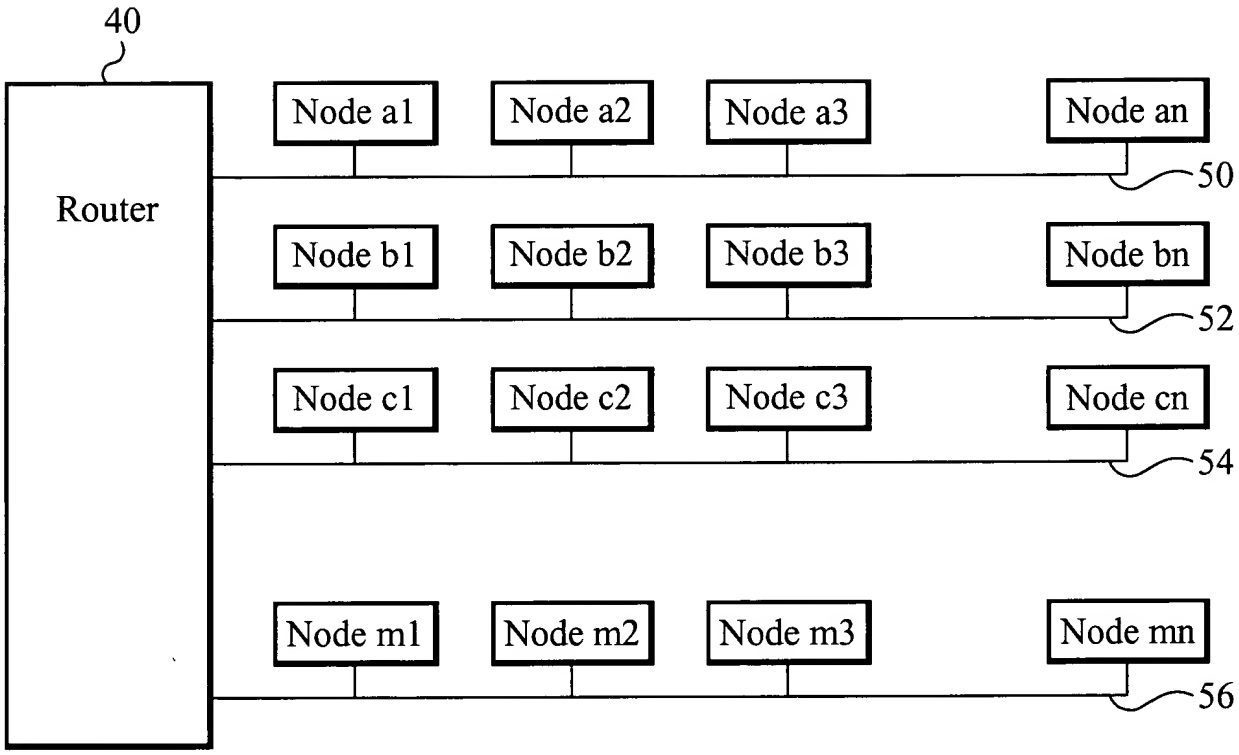
40
Router
Node a1
Node a2
Node a3
Node an
50
Node b1
Node b2
Node b3
Node bn
52
Node c1
Node c2
Node c3
Node cn
54
Node m1
Node m2
Node m3
Node mn
56

Fig. 5

Bus	Node	Tag	Bus#	Node#	Offset Value
10	6	2	4	6	36

Fig. 6

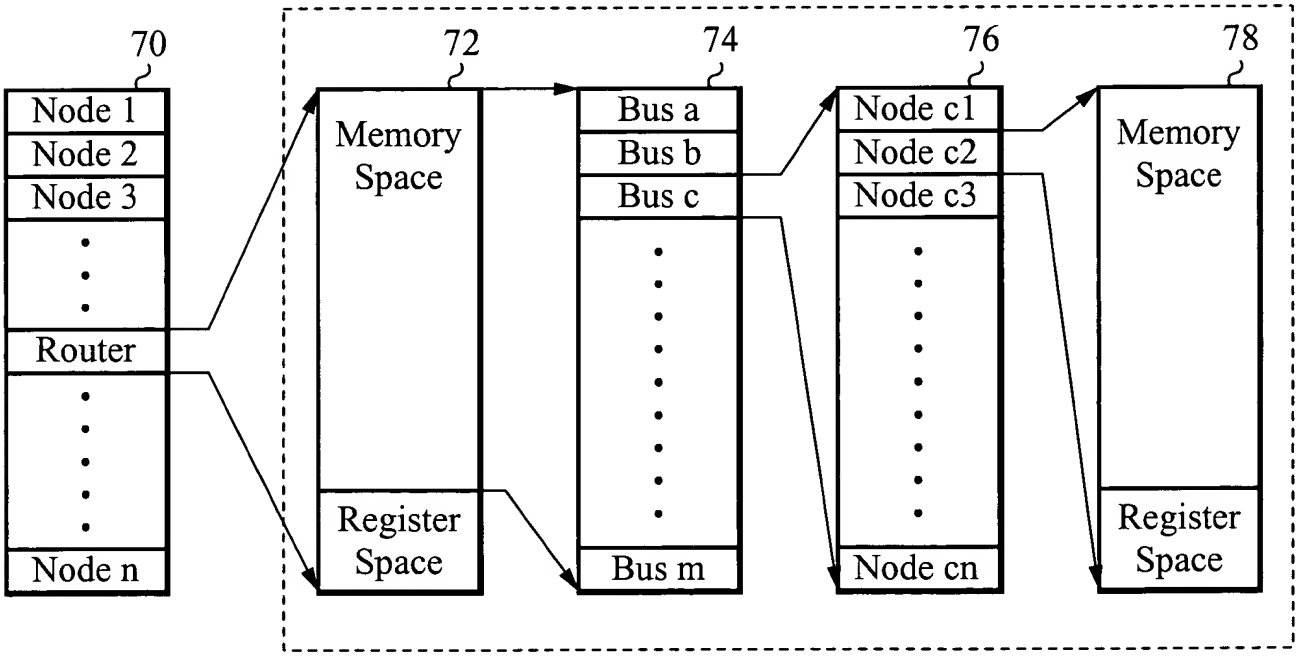

Fig. 7

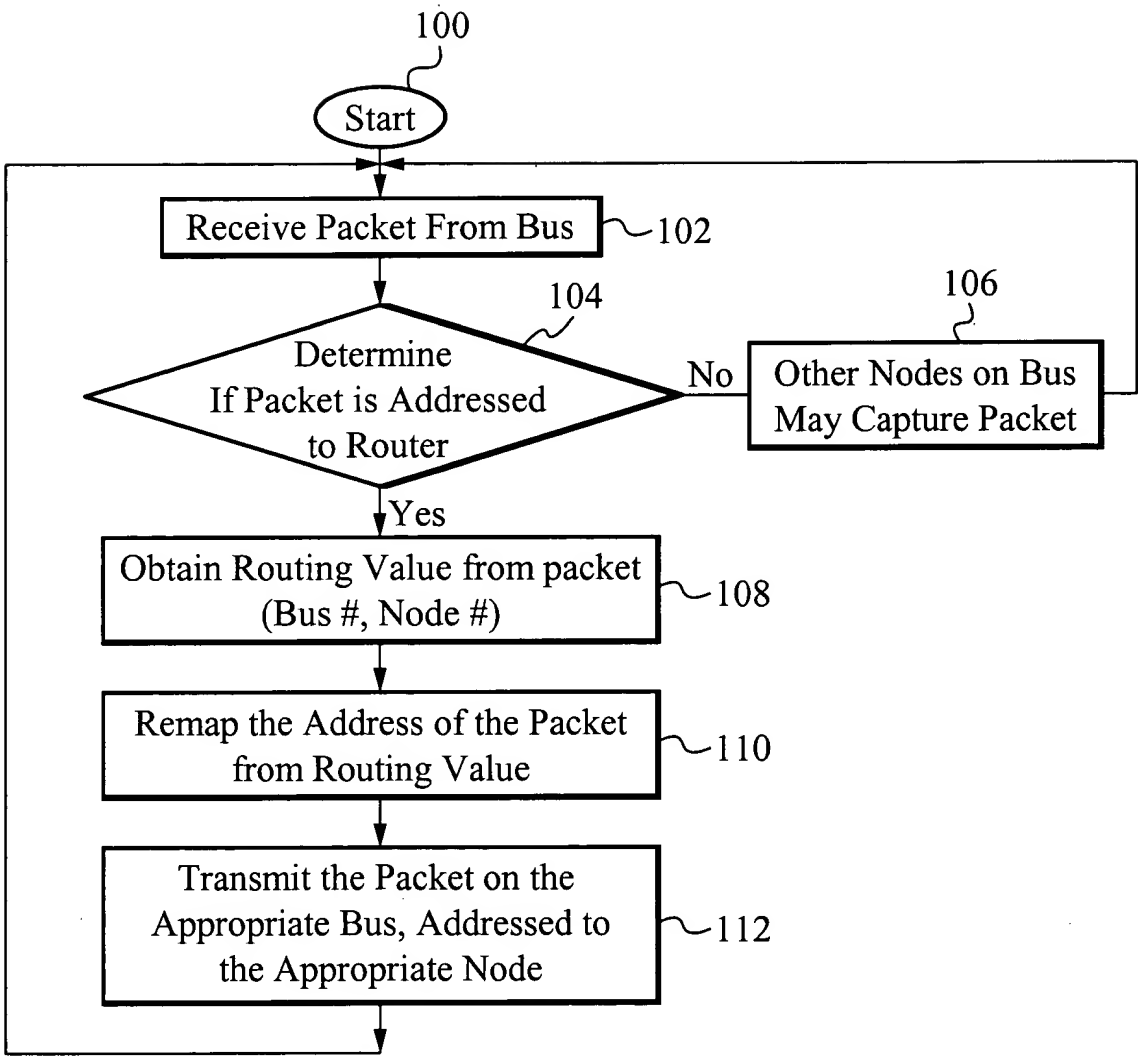
100
Start
Receive Packet From Bus
102
104
Determine
If Packet is Addressed
to Router
No
106
Other Nodes on Bus
May Capture Packet
Yes
Obtain Routing Value from packet
(Bus #, Node #)
108
Remap the Address of the Packet
from Routing Value
110
Transmit the Packet on the
Appropriate Bus, Addressed to
the Appropriate Node
112

Fig. 8

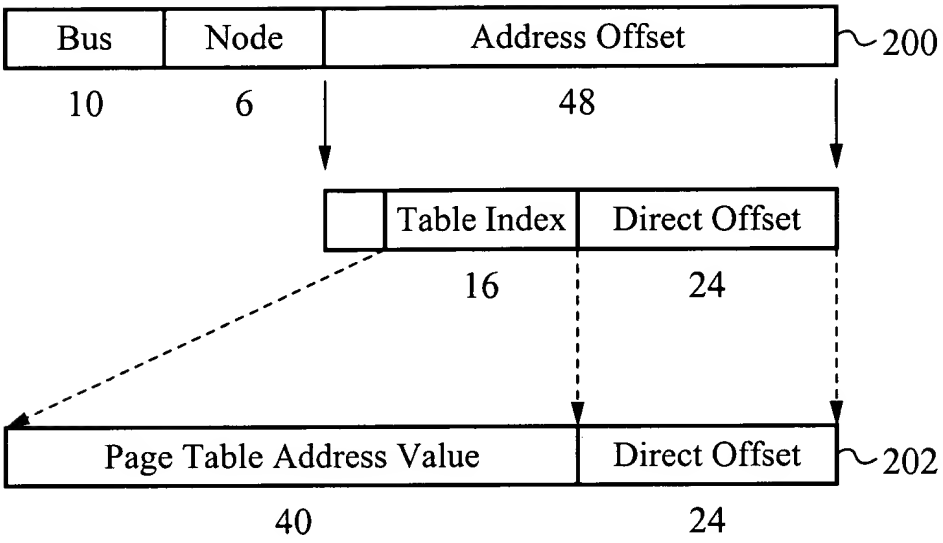
Bus
Node
Address Offset
200
10
6
48
Table Index
Direct Offset
16
24
Page Table Address Value
Direct Offset
202
40
24

Fig. 9